

Title (en)

Method of manufacturing a wire harness

Title (de)

Verfahren zur Herstellung eines Kabelbaumes

Title (fr)

Procédé de fabrication d'un faisceau électrique

Publication

**EP 0833416 B1 20020410 (EN)**

Application

**EP 97116734 A 19970925**

Priority

JP 25613596 A 19960927

Abstract (en)

[origin: EP0833416A2] Both ends of a plurality of parallel electrical wires are respectively connected to the connectors with pressure by a pressure-connecting and wiring machine (70) into which the plurality of electrical wires (F) are introduced, and the thus introduced electrical wires are sent to the electrical wire pressure-connecting section via the electrical wire cutting section. At this time, the connectors (C) are successively fed to the electrical wire pressure-connecting section (1) of the pressure-connecting and wiring machine (70) in the direction parallel with the arrangement of the pressure terminals (T). After the electrical wires (F) have been connected to the connector with pressure, the pressure-connected electrical wires of a predetermined length are drawn out from the pressure-connecting and wiring machine (70). Then the pressure-connecting and wiring machine is turned round the vertical axis by an angle of 180 DEG , and the electrical wires, which have been drawn out before, are connected to the other connector with pressure and cut. At this time, the positions to which the electrical wires are drawn out are located in the front and at the rear with respect to the parallel direction of the connectors (C). Therefore, it is easy to ensure the space in which the electrical wires are accumulated.

IPC 1-7

**H01R 43/00**

IPC 8 full level

**H01B 7/00** (2006.01); **H01B 13/012** (2006.01); **H01R 43/01** (2006.01)

CPC (source: EP US)

**H01R 43/01** (2013.01 - EP US); **Y10T 29/49185** (2015.01 - EP US); **Y10T 29/49194** (2015.01 - EP US); **Y10T 29/5313** (2015.01 - EP US);  
**Y10T 29/53209** (2015.01 - EP US); **Y10T 29/53213** (2015.01 - EP US); **Y10T 29/53217** (2015.01 - EP US)

Cited by

US6490785B1; EP1009074A3; US6612026B1; US6990730B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0833416 A2 19980401**; **EP 0833416 A3 19991110**; **EP 0833416 B1 20020410**; DE 69711796 D1 20020516; DE 69711796 T2 20020808;  
JP H10106370 A 19980424; US 6021566 A 20000208; US 6260267 B1 20010717

DOCDB simple family (application)

**EP 97116734 A 19970925**; DE 69711796 T 19970925; JP 25613596 A 19960927; US 42658799 A 19991025; US 93485697 A 19970922